

## Shoven, Heather

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**From:** Winiecki, Eric  
**Sent:** Monday, November 03, 2014 3:32 PM  
**To:** Shoven, Heather  
**Cc:** Fuentes, Rene; Fleming, Sheila; MacDonald, Jennifer; Jennings, Marie  
**Subject:** Percentage of affected people offered clean water

Heather,

Here is some available information in response to your question:

Approximately 8,700 people in the Lower Yakima Valley are exposed to nitrate levels that exceed the MCL. (Population of LYV area is 71,400, about 34% of these residences are on private wells, about 12% of private wells exceed the nitrate MCL, assume 3 people per household as per census data for Yakima County).

$$71,400 * .34 * .12 * 3 = 8,739 \text{ persons}$$

The Consent Order provides for testing and offer of provision of safe water to 224 residences \* 3 persons per residence = 672 persons.

$$699 / 8,739 = .0768 = \text{about } 8\%$$